

SECTION 01030

QUALITY CONTROL

1. GENERAL

1.1 The Contractor shall manage his operations in such a manner as to control the quality of all the work being performed in order to meet the obligations under the terms of this contract.

1.2 The Contractor shall prepare and submit a Quality Control Plan (QCP) for approval with their proposed procedures to ensure quality control. The (QCP) shall include the personnel, facilities and methods the Contractor proposes to use and an acceptable reporting system to document all inspections and tests. Prior to approval the (QCP) will be reviewed and if required, returned to the Contractor for corrections or revisions. No work is to be performed prior to tentative approval of the (QCP).

1.3 Changes to the approved plan, or procedures, desired by the Contractor, require the prior approval of the Contracting Officer. Change requests and approvals must be submitted in writing. If the Contractor's Quality Control Plan (QCP) fails to produce acceptable results, the Contracting Officer may direct such changes necessary to assure contract compliance.

1.4 The requirements of this contract regarding Contractor Quality Control are contained throughout the specifications. All are to be included in the Contractor's planning and execution of his responsibilities. These requirements do not preclude nor restrict inspection and/or testing which may be performed by the government, and conversely, inspection and/or testing by the government does not relieve the Contractor of his responsibilities.

1.5 Unless specifically so stated in the contract, anything expressed or implied anywhere in this contract shall not be interpreted to limit the Contractor's responsibility to perform sufficient numbers and types of inspections and/or tests to assure that all work performed by the contractor meets the contract requirements.

2. QUALITY CONTROL PLAN

2.1 The Contractor shall maintain quality control procedures throughout the life of the contract to ensure compliance with all contract requirements.

2.2 The actual quality control observations and inspections shall be documented weekly in an acceptable format prepared by the Contractor. The original copy of the documentation shall be maintained at the Water Treatment Plant office and made available to the Contracting Officer or his/her Representative upon request.

Any of the work performed determined not to be in compliance with the contract requirements shall be promptly removed, replaced or corrected in an approved manner to the satisfaction of the Contracting Officer. Quality Control shall include, but not be limited to the following standards;

2.2.1 Work schedule identifying shift start and completion times and daily routine activities.

2.2.2 Verification of compliance of materials before, during and upon completion of use and/or installation.

2.2.3 Inspection of the condition of all equipment and method of performing as required maintenance.

2.2.4 Inspection of application and placement of all new materials.

2.2.5 Safety and security.

2.3 The Quality Control Plan shall include, as a minimum, the following:

2.3.1 The Contractor's organizational structure indicating the manner in which quality control is integrated into the job site management.

2.3.2 The names, positions and qualifications of all quality control personnel or organizations and their specific responsibilities. The Contractor's job supervisory staff may be used for quality control, supplemented as necessary by additional personnel, special technicians, and/or testing agencies.

2.3.3 The authority vested in each individual or agency hired for the purpose of quality control inspection shall be established in writing to the individual or agency assigned by the Contractor and a copy shall be included in the Contractor's QCP.

2.3.4 The manner, methods, procedures and techniques to be employed in the execution of the daily inspections and/or tests.

2.3.5 Procedures for Contractor submittal control, review and checking required under Paragraph 2.

3. INSPECTION

3.1 GENERAL REQUIREMENTS

3.1.1 In accordance with the Contract Clause titled "Inspection of Services" the Contractor shall inspect and test, as required, all work under the contract and maintain records of the inspections and tests. Approvals shall be obtained from the Contracting Officer before acceptance of completed work. Surveillance of the

inspection system will be performed by the Contracting Officer.

3.2 Field Inspections and/or Tests by the Contractor:

The Contractor shall furnish all labor and expertise necessary to inspect all work and/or perform all tests required by the contract. All inspections and/or tests performed and the results received shall be included in the Weekly Performance Report to be provided to the Contracting Officer's Representative (COR).

3.3 The inspection procedure which the Contractor uses shall be based on the following guidelines:

3.3.1 Preparatory Inspection: This should be performed prior to beginning any work under any definable item. It should include a review of contract requirements; a check to assure that all materials procedures and/or equipment have been inspected, tested and approved; a check to assure that provisions have been made to provide materials testing, if required; examination of the work area to ascertain that all preliminary work has been completed; and a physical examination of all materials and equipment to ensure that they conform to approved shop drawings or submittal data and that all necessary materials and/or equipment are on hand.

3.3.2 Initial Inspection: This should be performed as soon as work begins on a representative portion of the particular feature of work and should include examination of the quality of workmanship as well as review of control testing for compliance with contract requirements.

3.3.3 Follow-up Inspections: These should be performed daily to ensure continuing compliance with contract requirements, including control testing and inspection, until completion of the particular feature of work. (The Contracting Officer may require joint government-contractor inspections at any time and on a periodic basis to evaluate the Quality Control System's effectiveness).

***** END OF SECTION *****